200000288

THE UNIVERD STAYLES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

NERALB Genetics Corporation

THECE TS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT, VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY, PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS OM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, ONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN NG A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROVIDED BY THE

CORN, FIELD

'86ISI26'

In Testimony Thereof, I have hereunto set my hand and caused the seal of the Hunt Unriety Protection Office to be affixed at the City of Washington, D.C. this second day of May, in the year two thousand two.

Atlast:

20 mjle

Plant Variety Protection Office Agricultural Marketing Service Secreta, Sullure

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following state nents are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

Application is required in order to determine if a plant variety protection certificate is to be issued
(7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 24261)

(Instructions and information	collection burden statemen	t on revers	se)					
1 NAME OF OWNER DELVAL B. Connotice Corporation				2. TEMPORARY DESIGN EXPERIMENTAL NAM	NATION OR IE	3. VARIETY NAME		
DEKALB Genetics Corporation						86ISI26		
4 ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)				5. TELEPHONE (Include	area code)	FOR OFFICIALLISE ONLY		
	· ·				(815) 758-9281		PVPO NUMBER	
	amore Road				6. FAX (include area code)		0000288	
DeKalb, I	L 60115				(815) 758-31	17	FILING DATE	
7. IF THE OWNER NAMED IS NOT A "PERS	OUT CHE FORM OF	8. IF INC	ODBODAT	50 CN #	9. DATE OF INCORPOR	ATION	1	
ORGANIZATION (corporation, partnership,	, association, etc.) ·	1	Delawa	ED, GIVE RPORATION	•		7/1/11	
Corporation		J		are June 15, 1988 ((
DEKALB Genetics Corporation DE 3100 Sycamore Road			onald T EKALB 100 Syd	•	ael J. Roth orporation		FILING AND EXAMINATION FEES: THE STATE OF STATE	
11. TELEPHONE (Include area code)	12. FAX (Include area code)		13. E MAIL			14. CR0	P KIND (Common Name)	
(815) 758-9281	(815) 758-3117			tkain@dek	calb.com		Corn	
15 GENUS AND SPECIES NAME OF CROP			16. FAM	AILY NAME (Bolanical) 17. IS Th			HE VARIETY A FIRST GENERATION	
Zea n	Zea mays			Gramineae HYBRID7				
18. CHECK APPROPRIATE BOX FOR EACH	ATTACHMENT SUBMITTED (Follow	w instructions	on	19. DOES THE O	WHER SPECIFY THAT SEE	D OF THIS VA	RIETY BE SOLD AS A CLASS OF	
a. X Exhibit A. Origin and Breeding	History of the Variety			П	SEED7 See Section 83(2 'ES (If "yes", answer items 2 and 21 below)	•	X NO (If "no," go to item 22)	
b. X Exhibit B. Statement of Distinct c. X Exhibit C. Objective Description			ł		· · · · · · · · · · · · · · · · · · ·	ED OF THIS VA	RIETY BE LIMITED AS TO NUMBER	
c. X Exhibit C. Objective Description d. Exhibit D. Additional Description		•		OF GENERATIONS?				
e. X Exhibit E. Statement of the Bas	is of the Owner's Ownership Intreated seeds or, for tuber propaga	ated variaties						
verification that tissue culture wi repository)	If be depositied and maintained in ar 450), made psyable to "Treasurer of	n approved pu	iolic	21. IF "YES" TO ITEM 20, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? FOUNDATION REGISTERED CERTIFIED				
22. HAS THE VARIETY (INCLUDING ANY HA FROM THIS VARIETY BEEN SOLD, DISP	RVESTED MATERIAL) OR A HYBR OSED OF, TRANSFERRED, OR US	RID PRODUCE SED IN THE U	ĒD J. S. OR	23. IS THE VARIE	ETY OR ANY COMPONENT RIGHT (PLANT BREEDER'S	OF THE VARI	ETY PROTECTED BY INTELLECTUAL	
OTHER COUNTRIES? X YES U.S. February 2000 NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Flease use space indicated on reverse.)				IF YES, PLEA	'ES SE GIVE COUNTRY, DATE NUMBER. (Please use spa	OF FILING OR	X NO ISSUANCE AND ASSIGNED	
24. The owners declare that a viable sample of	f basic seed of the variety will be fun	mished with a	pplication ar	nd will be replenishe	d upon request in accordan			
for a tuber propagated variety a tissue cutt The undersigned owner(s) is(are) the owner	er of this sexually reproduced or tube	er propagated	I plant varie			uniform, and s	stable as required in Section 42,	
and is entitled to protection under the provi Owner(s) is(are) informed that false repres		•	•	ies.				
SIGNATURE OF OWNER Trinothy	R.K.			SIGNATURE OF	OWNER .			
NAME (Please print or type) Timothy F	R. Kain			NAME (Plaese pri	int or type)			
			•					

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$2,450 (\$300 filing fee and \$2,150 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$300 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvp.htm

ITEM

18a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication:
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 19. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

A hybrid produced from this variety was first sold in the United States - February 2000

23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, '97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center—East, Beltsville, MD 20705. Telephone: (301) 504-8089.

Public reporting barden for this collection of information is estimated to average 3d minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter. Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiciape, etc.) should contact the USDA Office of Communications at (202) 720-7791. To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDO). USDA is a pural constraint analysis.

SAT-470 (6-96) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (03-96) which is obsolete.



EXHIBIT A (Amended)

Origin and Breeding History 86ISI26

86ISI26 was selected for greater combining ability, improved stalk and root strength and testweight.

Summer 1988	The inbred line IBC15* (a proprietary DEKALB Genetics Corporation inbred) was crossed to inbred line 3IBZ2 (a proprietary DEKALB Genetics Corporation inbred) (nursery book row numbers 111-34 and 111-35).
Winter 1988-89	S0 seed was grown and self-pollinated (nursery book row number 67-57)
Summer 1989	S1 seed was grown and self-pollinated (nursery book row numbers 101-7 to 101-18.
Winter 1989-90	S2 seed was grown ear to row and self pollinated (nursery book row numbers 747-13 to 747-89).
Summer 1990	S3 seed was grown ear to row and self pollinated (nursery book rows 107-18 to 107-19).
Summer 1991	S4 seed was grown ear to row and self pollinated (nursery book rows 242-82 to 242-78).
Summer 1992	S5 seed was grown ear to row and self pollinated (nursery book rows 217-2 to 217-3).
Summer 1993	S6 seed was grown as a bulk from S5 row 217-2 and self pollinated (nursery book row 162-17).
Summer 1994	S7 seed was grown as a bulk from S6 row 162-17 and self pollinated (nursery book row 232-82)
Winter 1994-95	S8 seed was grown ear to row from S7 row 232-83 (nursery book rows 2CC-26 to 2CC-30. Seed from row 2CC-27 was bulked and given the designation 86ISI26.

^{* -} Inbred line IBC15 is descended from public line MO17.

Statement of Stability and Uniformity

Corn inbred 86ISI26 was coded in 1994 and has been reproduced by self pollination for the past three years and judged to be stable. Inbred 86ISI26 is uniform for all traits observed.

Statement of Variants

86ISI26 shows no variants other than what would normally be expected due to environment or that would occur for almost any character during the course of repeated sexual reproduction.

EXHIBIT B

Statement of Distinctness

DEKALB Genetics Corporation believes that 86ISI26 is most similar to corn inbred 3IBZ2, an inbred developed by DEKALB Genetics Corporation.

86ISI26 and 3IBZ2 differ most significantly in the following traits:

Qualitative Traits:

Trait	86ISI26	3IBZ2
Leaf Color	Dark Green 5 GY 3/4	Medium Green 5 GY 4/8
Anther Color	Tan 2.5 GY 8/6 with 5 R 5/8	Red 2.5 R 5/8
Cob Color	Red 5 R 3/8	White Lighter than 5 Y 9/1
Kernel Row Direction	Straight	Curved
Kernel Side Color	Orange 7.5 YR 6/8	Brown 5 YR 5/6

United States Department of Agriculture, Agricultural Marketing Service Science Division, Plant Variety Protection Office National Agricultural Library Building, Room 500 Beltsville, MD 20705

OBJECTIVE DESCRIPTION OF VARIETY CORN (Zea mays L.)

Name of Applicant(s)		Variety Seed Source		Variety Name or Temporary Designation		
DEKALB Genetics Corporation		861S126			.6	
Address (Street & No., or R.F.D. No., City, State, Zip C		FOR OFFI	CIAL USE			
3100 Sycamore Road, DeKalb, IL 60115 U.S.A.				PVPO Num	2000 c	0 0288
Place the appropriate number that describes the varietal whole numbers by adding leading zeroes if necessary. Con Traits designated by a '*' are considered necessary for	mpleteness sho	ild be striven for	to esta	ety in the	e spaces below adequate vari	. Right justify
COLOR CHOICES (Use in conjunction with Munsell color code 01=Light Green	to describe a 11=Pink 12=Light Red 13=Cherry Red 14=Red 15=Red & White	16=Pale 17=Purpl 18=Color 19=White	Purple e less		d #26 in Comme 21=Buff 22=Tan 23=Brown 24=Bronze 25=Variegated 26=Other (Desc	(Describe)
STANDARD INBRED CHOICES(Use the most similar (in backgrown Yellow Dent Families: Family Members	Yellow	y) of these to ma Dent (Unrelated): D109, ND246,			ased on grow-o t Corn: C13, Iowa5125	
B14 CM105, A632, B64, B68 B37 B37, B76, H84 B73 N192, A679, B73, NC268 C103 Mo17, Va102, Va35, A682 Oh43 A619, MS71, H99, Va26	W182Bi White I	W153R V			orn: 533, 4722, HP3 corn:	01, НР7211
WF9 W64A, A554, A654, Pa91	CI66,	н105, ку228		Mo1	5W, Mo16W, Mo2	4W
1. TYPE: (describe intermediate types in Comments section2 1=Sweet 2=Dent 3=Flint 4=Flour 5=Pop 6=Orname		orn	Stand 2	lard Inbr	ed Name A619	
REGION WHERE DEVELOPED IN THE U.S.A.: * 2 1=Northwest 2=Northcentral 3=Northeast 4=Southe 6=Southwest 7=Other	east 5=Southce	entral	Stand 2	lard Seed	Source NCRIPS	_
3. MATURITY (In Region Best Adaptability; show Heat Unit section): DAYS HEAT UNITS 1 3 3 1. 0 From emergence to 50% 1 2 9 3. 0 From emergence to 50% From 10% to 90% polled (*) From 50% silk to option of the second secon	s of plants in s of plants in on shed imum edible qua	silk pollen lity	DAYS 0 7 0 7 — — — — 0 8	0 0	HEAT UNITS 1 3 7 1 1 3 6 6 0 0 5 2 1 4 6 4	. 0 . 0
4. PLANT: St	andard Deviati	on Sample Size		Sta	andard Deviation	on Sample Size
* 1 8 4.1 cm Plant Height (to tassel tip)		40			13.352	-
* 0 6 5. 4 cm Ear Height (to base of top ear node)	0.071	40	0 3	9.3	6.853	120
0 1 3.9 cm Length of Top Ear Internode	0.071	40	0 1	1. 8	2.507	120
Average Number of Tillers						
* 1. 0 Average Number of Ears per Stalk	0.000	40	0 0	1. 0	0.000	120
2 Anthocyanin of Brace Roots: 1=Absent 2=Faint 3=Moderate 4=Dark						
Application Variety Data	E	age 1	Stand	lard Inbr	ed Data	



Application Variety Data	Page	2	Standard Inbred Data			
5. LEAF:	Standard Deviation	Sample Size	s	tandard Deviation	Sample Siz	
* 0 0 8.1 cm Width of Ear Node Leaf	0.000	40	0 0 8.9	0.419	120	
* 0 6 6.1 cm Length of Ear Node Leaf	5.233	40	0 6 4.2	3.944	120	
* 4. 6 Number of leaves above top ear	0.283	20	5. 4	0.392	50	
3 5. 3 degrees Leaf Angle (measure from 2nd leaf above ear	9.546 at anthesis to stalk abo	40 ve leaf)	2 8.5	8.313	100	
* 0 3 Leaf Color (Munsell code 5 GY 3/	4)		0 3 (Munse	ll code 5 GY ¾)		
3 Leaf Sheath Pubescence (Rate on se	cale from 1=none to 9=pea	ch fuzz)	1			
4 Marginal Waves (Rate on scale from	om 1=none to 9=many)		5			
7 Longitudinal Creases (Rate on sca	ale from 1=none to 9=many)	8			
6. TASSEL:	Standard Deviation	Sample Size	s	tandard Deviation	Sample Si	
* 0 5. 6 Number of Primary Lateral Branches	0.212	40	8. 4	1.804	120	
3 6. 8 Branch Angle from Central Spike	4.596	40	2 8.4	3.766	100	
* 4 3.6 cm Tassel Length (from top leaf collar to tassel tip)	0.636	40	3 6. 1	4.928	120	
4. 6 Pollen Shed (Rate on scale from 0=male)	4. 8			
2 2 Anther Color (Munsell code 2.5 GY 8/6	with 5 R 5/8)		0 5 (Munse	ll code 2.5 GY 8/6	5)	
0 2 Glume Color (Munsell code 5 GY 4/8)			0 2 (Munse	11 code 5 GY 4/8)		
1 Bar Glumes (Glume Bands): 1=Absent 2=1	Present		1			
7a. EAR (Unhusked Data):			0 5 (Munse	ll code 2.5 GY 8/6	5)	
* 1 1 Silk Color (3 days after emergence) (Mur	nsell code 2.5 R 7/6)			ll code 5 GY 4/8)	,	
0 2 Fresh Husk Color (25 days after 50% sill	king) (Munsell code 5 GY	4/8)		11 code 3 G1 4767	1	
2 1 Dry Husk Color (65 days after 50% Silkin	ng) (Munsell code 2.5 Y 8	/4)	2 1 (Mulise	11 Code 2.5 1 0/4/		
* 3 Position of Ear at Dry Husk Stage: 1=Upp	right 2=Horizontal 3=Pend	ent	6			
7 Husk Tightness (Rate on scale from 1=ver	ry loose to 9=very tight)		1			
1 Husk Extension (at harvest): 1=Short (ea 3=Long (8-10 cm beyond e	ars exposed) 2=Medium (<8 ear tip) 4=Very Long (>10		1			
7b. EAR (Husked Ear Data):	Standard Deviation	Sample Size	s	tandard Deviation	Sample Si	
* 1 5.8 cm Ear Length	0.212	20	1 3.9	1.111	60	
* 3 7.5 mm Ear Diameter at mid-point	0.707	20	4 4.3	1.874	60	
1 0 6.6 gm Ear Weight	8.627	40	0 9 3. 1	12.002	120	
* 1 4. 2 Number of Kernel Rows	0.849	20	1 5	0.575	60	
2 Kernel Rows: 1=Indistinct 2=Distinct	et		2			
1 Row Alignment: 1=Straight 2=Slight	ly Curved 3=Spiral	•	1			
2 1.8 cm Shank Length	0.990	40	1 3.0	0.937	120	
2 Ear Taper: 1=Slight 2=Average 3=Ext	reme		2			
Application Variety Data			Standard Inh	red Data	· 	
bbitcacion sariech paca	Standard Inbred Data					

Note: Use chart on first page to choose color codes for color traits.

Application Variety Data	Page	3	Standard Inbred Data			
8. KERNEL (Dried):	Standard Deviation	Sample Size	Standard Deviation Sample Size			
0 9.2 mm Kernel Length	0.000	20	1 0.6 0.983 60			
0 7.5 mm Kernel Width	0.424	20	0 8. 2 0.754 60			
0 4.0 mm Kernel Thickness	0.000	20	0 3. 9 0.438 60			
2 2.6 % Round Kernels (Shape Grade)		500g	3 7.7 500g			
1 Aleurone Color Pattern: 1=Homozygous 2=S	egregating		1			
(*) 1 9 Aleurone Color (Munsell code Lighter tha	n 2.5 Y 9/2)		1 9 (Munsell code Lighter Than 2.5 Y 9/2)			
* 0 7 Hard Endosperm Color (Munsell code 2.5 Y	8/10)		0 7 (Munsell code 2.5 Y 8/10)			
* 0 3 Endosperm Type: 1=Sweet (sul) 2=Extra Sw 4=High Amylose Starch 5=Waxy Starch 6=H 8=Super Sweet (se) 9=High Oil 10=Other			0 3			
2 7.1 gm Weight per 100 Kernels (unsized sample	e) 0.636	600 seeds	2 6.8 3.808 1200 seeds			
9. COB:	Standard Deviation	Sample Size	Standard Deviation Sample Size			
* 2 2.0 mm Cob Diameter at mid-point	0.000	20	2 6. 5 1.022 60			
1 4 Cob Color (Munsell code 5 R 3/8)			1 9 (Munsell code Lighter Than 5 Y 9/1)			
leave blank if not tested; leave Race or Strantal A. Leaf Blights, Wilts, and Local Infection Diseases 6 Anthracnose Leaf Blight (Colletotrichum graminico. Common Rust (Puccinia sorghi) Common Smut (Ustilago maydis) 6 Eyespot (Kabatiella zeae) 7 Goss's Wilt (Clavibacter michiganense spp. nebras. 8 Gray Leaf Spot (Cercospora zeae-maydis) 7 Helminthosporium Leaf Spot (Bipolaris zeicola) Race 8 Northern Leaf Blight (Exserohilum turcicum) Race 9 Southern Leaf Blight (Bipolaris maydis) Race 9 Southern Rust (Puccinia polysora) 9 Stewart's Wilt (Erwinia stewartii) 9 Other (Specify) 8 Systemic Diseases 4 Corn Lethal Necrosis (MCMV and MDMV) 9 Head Smut (Sphacelotheca reiliana) 9 Maize Chlorotic Dwarf Virus (MCDV) 9 Maize Chlorotic Mottle Virus (MCMV) 9 Maize Dwarf Mosaic Virus (MDMV) Strain 9 Sorghum Downy Mildew of Corn (Peronosclerospora so Other (Specify) C. Stalk Rots	la) kense) ce 2 2		7			
Anthracnose Stalk Rot (Colletotrichum graminicola) Diplodia Stalk Rot (Stenocarpella maydis) Fusarium Stalk Rot (Fusarium moniliforme) Gibberella Stalk Rot (Gibberella zeae) Other (Specify) D. Ear and Kernel Rots Aspergillus Ear and Kernel Rot (Aspergillus flavus Diplodia Ear Rot (Stenocarpella maydis) Fusarium Ear and Kernel Rot (Fusarium moniliforme) Gibberella Ear Rot (Gibberella zeae) Other (Specify)	5)					
Application Variety Data			Standard Inbred Data			
Note: Use chart on first page to choose color codes for						

Sample

Size

Standard

Deviation

Standard Inbred Data

5

2

0 0.0

9 Stay Green (at 65 days after anthesis) (Rate on a scale from 1=worst

Application Variety Data

Leaf-Feeding

Silk Feeding :

Stalk Tunneling:

Leaf-Feeding Silk-Feeding:

Leaf Feeding Stalk Tunneling :

Other (Specify) 12. AGRONOMIC TRAITS:

leave blank if not tested):

Corn Earworm (Helicoverpa zea)

Ear Damage

Banks Grass Mite (Oligonychus pratensis)

Corn Leaf Aphid (Rhopalosiphum maidis) Corn Sap Beetle (Carpophilus dimidiatus) European Corn Borer (Ostrinia nubilalis)

Fall Armyworm (Spodoptera frugiperda)

to 9=excellent.)

Maize Weevil (Sitophilus zeamaize) Northern Rootworm (Diabrotica barberi) Southern Rootworm (Diabrotica undecimpunctata) Southwestern Corn Borer (Diatraea grandiosella)

1st Generation (Typically Whorl Leaf Feeding)

cm tunneled/plant

cm tunneled/plant Two-spotted Spider Mite (Tetranychus urticae) Western Rootworm (Diabrotica virgifera virgifera)

0. 0 % Dropped Ears (at 65 days after anthesis)

mg larval wt.

2nd Generation (Typically Leaf Sheath-Collar Feeding)

11. INSECT RESISTANCE (Rate from 1 (most susceptible) to 9 (most resistant);

0 0.0 % Pre-anthesis Brittle Snapping	0 0.0						
0 0.0 % Pre-anthesis Root Lodging	0 0.0						
0 0.0 % Post-anthesis Root Lodging (at 65 days after anthesis)	0 3.2						
3 6 3 0. 4 Kg/ha Yield of Inbred Per Se (at 12-13% grain moisture) 2 6 6 3.7							
13. MOLECULAR MARKERS: (0=data unavailable; 1=data available but not supplied; 2=data supplied)							
1 Isozymes 1 RFLP's 0 RAPD's							
REFERENCES:							
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Sample

Size

Standard

Deviation

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP			The following statements are made in accordance with the Privacy Ac. 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.			
			Application is required in order to determine if a plant variety protect certificate is to be issued (7 U.S.C. 2421). Information is held confiden until certificate is issued (7 U.S.C. 2426).			
1. NAME OF APPLICANT(S)			TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME		
DEKALB Genetics Corpo	oration			86ISI26		
4. ADDRESS (Street and No., or R.F.D. No., C.	the State and 710 and C	Saurada A	5. TELEPHONE (include area code)	6. FAX (include area code)		
T. ADDITION (Street and No., of A.P.D. No., C.	ly, State, and ZIF, and C	-ounuy)	(815) 758-9281	(815) 758-3117		
3100 Sycamore Ro	pad		` i			
DeKalb, IL 60115 U.S.A.			7. PVPO NOMBER 20	0000288		
8. Does the applicant own all rights to the v	ariety? Mark an "X" i	in appropr	iate block. If no, please explain.	YES NO		
9. Is the applicant (individual or company) a	U.S. national or U.S.	. based co	ompany?	X YES NO		
If no, give name of country						
10. Is the applicant the original owner?	X YES	\square \bowtie	If no, please answer one of the fo	ollowing:		
a. If original rights to variety were owned	by individual(s), is (a	re) the ori	ginal owner(s) a U.S. national(s)?			
.	☐ YES	\square N	O If no, give name of country	•		
b. If original rights to variety were owned	by a company(ies), is	s(are) the	original owner(s) a U.S. based company	?		
	YES	Пи	O If no, give name of country			
11. Additional explanation on ownership (if n	eeded, use reverse fo	or extra sp	ace):			
By agreement between	DEKALB Genetics ent are assigned to	s Corpoi o DEKA	er employed by DEKALB Genetic ration and the breeder, all rights to LB Genetics Corporation. No right by the breeder.	any invention,		
PLEASE NOTE:			- 1,			
Plant variety protection can be afforded only to or	vners (not licensees) wh	ho meet on	e of the following criteria:			
If the rights to the variety are owned by the ori which affords similar protection to nationals of				er country, or national of a country		
If the rights to the variety are owned by the conmember country, or owned by nationals of a content.						
3. If the applicant is an owner who is not the orig	nal owner, both the ori	ginal owne	er and the applicant must meet one of the abo	ove criteria.		
The original breeder/owner may be the individual	or company who direct	ted final br	eeding. See Section 41(a)(2) of the Plant V	ariety Protection Act for definition.		
According to the Paperwork Reduction Act of 1995, no per this information collection is 0581-0055. The time requi- searching existing data sources, gathering and maintaining	rsons are required to respor red to compete this informa	nd to a collect	tion of information unless it displays a valid OMB con on is estimated to average 10 minutes per response			
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